

Table 2. Number, median days, incidence rate¹ and relative standard errors of nonfatal occupational injuries and illnesses with days away from work² involving musculoskeletal disorders³ by selected parts of body, Massachusetts, 2001

Part of body	Number	Median days away from work	Incidence rate	Relative standard error
Total	17,006	9	70.5	3.5
0 Head	--	--	--	--
00 Head, unspecified	--	--	--	--
1 Neck, Including Throat	635	14	2.6	9.2
10 Neck, except internal location of diseases or disorders	635	14	2.6	9.2
2 Trunk	12,331	7	51.1	3.7
20 Trunk, unspecified	19	2	0.1	50.0
21 Shoulder, including clavicle, scapula	1,778	26	7.4	6.0
22 Chest, including ribs, internal organs	320	4	1.3	12.6
220 Chest, except internal location of diseases or disorders	320	4	1.3	12.6
23 Back, including spine, spinal cord	8,906	7	36.9	3.9
230 Back, including spine, spinal cord, unspecified	3,885	7	16.1	4.7
231 Lumbar region	4,549	7	18.9	4.5
232 Thoracic region	336	4	1.4	12.3
233 Sacral region	63	5	0.3	27.6
234 Coccygeal region	--	--	--	--
238 Multiple back regions	65	8	0.3	27.2
24 Abdomen	865	24	3.6	8.0
240 Abdomen, except internal location of diseases or disorders	145	12	0.6	18.4
241 Internal abdominal location, unspecified	406	22	1.7	11.3
242 Stomach organ	--	--	--	--
245 Intestines, peritoneum	306	29	1.3	12.9
2450 Intestines, peritoneum, unspecified	306	29	1.3	12.9
249 Internal abdominal location, n.e.c.	--	--	--	--
25 Pelvic region	379	9	1.6	11.6
251 Hip(s)	68	5	0.3	26.6
252 Pelvis	--	--	--	--
253 Buttock(s)	--	--	--	--
254 Groin	299	12	1.2	13.0
255 External reproductive tract structures	--	--	--	--
2550 External reproductive tract structures, unspecified	--	--	--	--
259 Pelvic region, n.e.c.	--	--	--	--
28 Multiple trunk locations	64	10	0.3	27.4
3 Upper extremities	2,295	12	9.5	5.5
30 Upper extremities, unspecified	20	120	0.1	49.5
31 Arm(s)	782	10	3.2	8.4
310 Arm(s), unspecified	277	7	1.2	13.5
311 Upper arm(s)	79	56	0.3	24.8
312 Elbow(s)	282	10	1.2	13.4
313 Forearm(s)	73	3	0.3	25.7
318 Multiple arm(s) locations	72	18	0.3	26.0
32 Wrist(s)	1,090	13	4.5	7.3
33 Hand(s), except finger(s)	162	12	0.7	17.4
34 Finger(s), fingernail(s)	142	7	0.6	18.6
38 Multiple upper extremities locations	100	14	0.4	22.1
380 Multiple upper extremities locations, unspecified	--	--	--	--
381 Hand(s) and finger(s)	--	--	--	--
382 Hand(s) and wrist(s)	41	14	0.2	34.1
383 Hand(s) and arm(s)	31	4	0.1	39.3
389 Multiple upper extremities locations, n.e.c.	--	--	--	--
4 Lower extremities	1,314	11	5.4	6.8

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Part of body		Number	Median days away from work	Incidence rate	Relative standard error
41	Leg(s)	953	17	4.0	7.7
410	Leg(s), unspecified	79	9	0.3	24.8
411	Thigh(s)	--	--	--	--
412	Knee(s)	824	18	3.4	8.2
413	Lower leg(s)	18	17	0.1	51.6
418	Multiple leg(s) locations	19	5	0.1	50.7
419	Leg(s), n.e.c.	--	--	--	--
42	Ankle(s)	272	4	1.1	13.6
43	Foot(feet), except toe(s)	48	17	0.2	31.6
430	Foot(feet), except toe(s), unspecified	--	--	--	--
432	Sole(s)	--	--	--	--
4323	Heel(s)	--	--	--	--
438	Multiple foot(feet) locations	19	160	0.1	50.7
44	Toe(s), toenail(s)	17	1	0.1	53.4
48	Multiple lower extremities locations	--	--	--	--
489	Multiple lower extremities locations, n.e.c.	--	--	--	--
8	Multiple Body Parts	391	10	1.6	11.5
9	Other Body Parts	38	4	0.2	35.7
98	Other body parts, n.e.c.	--	--	--	--
99	Other body parts, n.e.c.	16	7	0.1	55.3
999	Other body parts, n.e.c.	16	7	0.1	55.3
9999	Nonclassifiable	16	7	0.1	55.3

¹ Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N / EH) X 20,000,000 where,

N = number of injuries and illnesses,

EH = total hours worked by all employees during the calendar year,

20,000,000 = base for 10,000 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

² Days away from work include those which result in days away from work with or without restricted work activity.

³ Includes cases where the nature of injury is: sprains, strains, tears; back pain, hurt back; soreness, pain, hurt, except back; carpal tunnel syndrome; hernia; or musculoskeletal system and connective tissue diseases and disorders and when the event or exposure leading to the injury or illness is: bodily reaction/bending, climbing, crawling, reaching, twisting; overexertion; or repetition. Cases of Raynaud's phenomenon, tarsal tunnel syndrome, and herniated spinal discs are not included. Although these cases may be considered MSD's, the survey classifies these cases in categories that also include non-MSD cases.

NOTE: Dashes indicate data that do not meet publication guidelines or data for incidence rates less than .05 per 10,000 full-time workers. The scientifically selected probability sample used was one of many possible samples, each of which could have produced different estimates. A measure of sampling variability for each estimate is available upon request.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, July 08, 2003